

DEMAND OCCUPATIONS: Northwest Ohio Economic Development Region 2

JOB TITLE	TRAINING REQUIRED	PROJECTED GROWTH/ ANNUAL OPENINGS**	HOURLY WAGE
MANAGERIAL OCCUPATIONS			
General Operations Managers	Work experience/ Bachelor's Degree	8%/202	\$31.69
Financial Managers	Work experience/ Bachelor's Degree	10.4%/44	\$31.30
Sales Managers	Work experience/ Bachelor's Degree	18.3%/30	\$35.39
Computer/Information Services Managers	Work experience/ Bachelor's Degree	32.2%/29	\$31.62
Administrative Services Managers	Work experience/ Bachelor's Degree	13.4%/ 24	\$26.82
Construction Managers	Bachelor's Degree	18.8%/ 28	\$29.49
Food Service Managers	Certification and/or long-term OJT	9%/42	\$15.32
Human Resources Managers	Bachelor's Degree	3.8%/17	\$27.03
BUSINESS AND FINANCIAL SERVICES OCCUPATIONS			
Cost Estimators	Bachelor's Degree	16.5%/37	\$22.55
Accountants and Auditors	Bachelor's Degree	9.8%/55	\$21.21
ENGINEERING OCCUPATIONS			
Mechanical Engineers	Bachelor's Degree	22.4%/ 24	\$24.63
Environmental Engineers	Bachelor's Degree	21.4%/6	\$25.25
COMPUTER/MATHEMATICAL OCCUPATIONS			
Systems Analysts	Bachelor's Degree	34%/ 23	\$26.48
Software Engineers, Applications	Bachelor's Degree	73.1%/21	\$25.29
Network and Computer Systems Administrators	Bachelor's Degree	54.9%/42	\$21.27
Computer Support Specialists	Associate's Degree	60.8%/51	\$18.22
COMMUNITY AND SOCIAL SERVICES OCCUPATIONS			
Economists	Bachelor's Degree	25%/7	\$17.30
Mental Health and Substance Abuse Social Workers	Bachelor's Degree	31.7%/18	\$13.61
Medical and Public Health Social Workers	Bachelor's Degree	26.9%/20	\$17.10
Social and Human Services Assistants	Moderate OJT	41.8%/38	\$11.84
LAW AND RELATED OCCUPATIONS			
Paralegals and Legal Assistants	Associate's Degree	22.5%/ 11	\$18.82
EDUCATION, TRAINING, AND LIBRARY OCCUPATIONS			
Preschool Teachers	Associate's Degree	17.5%/34	\$8.31
Elementary School Teachers	Bachelor's Degree	8.3%/136	\$24.00
Secondary Education Teachers	Bachelor's Degree	16.7%/139	\$25.08

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Special Education Teachers	Bachelor's Degree	20.5%/15	\$25.00
Library Technicians	Short-term OJT	18.8%/30	\$12.12
Teachers Assistants	Short-term OJT	23.7%/126	\$10.25
HEALTH CARE OCCUPATIONS			
Respiratory Therapists	Associate's Degree	19.2%/23	\$17.95
Occupational Therapists	Bachelor's Degree	20%/11	\$28.73
Registered Nurses	Associate's Degree	11.9%/321	\$20.66
Licensed Practical Nurses	Postsecondary Vocational Training	7.9%/80	\$14.04
Emergency Medical Technicians/ Paramedics	Postsecondary Vocational Training	11%/33	\$11.18
Pharmacy Technicians	Postsecondary Vocational Training	35.9%/64	\$9.67
Surgical Technologists	Postsecondary Vocational Training	21.4%/13	\$13.81
Dental Hygienists	Associate's Degree	19.6%/17	\$25.60
Cardiovascular Technologists and Technicians	Associate Degree	23.1%/12	\$17.78
Radiology Technologists and Technicians	Associate's Degree	9.8%/19	\$17.18
Medical Records and Health Information Technicians	Associate's Degree	34.6%/30	\$10.29
Surgical Technicians	Postsecondary Vocational Training	40%/ 10	\$13.35
Opticians, Dispensing	Long-term OJT	20%/23	\$14.76
Medical Assistants	Postsecondary Vocational Training	41.4%/67	\$10.27
Medical Transcriptionists	Postsecondary Vocational Training	14.3%/17	\$12.47
MEDICAL SUPPORT OCCUPATIONS			
Home Health Aides	Short-term OJT/ Certification	35.5%/96	\$9.18
Personal Care Aides	Short-term OJT	49%/37	\$7.78
Physical and Corrective Therapy Assistants	Postsecondary Vocational Training	29.6%/16	\$20.25
Massage Therapists	Postsecondary Vocational Training	18.2%/14	\$12.00
Nursing Aides, Orderlies and Attendants	Short-term OJT/Certification	19.1%/178	\$9.15
Occupational Therapy Assistants	Associate's Degree	26.3%/11	\$18.70
Dental Assistants	Postsecondary Vocational Training	22.4%/23	\$11.04
Veterinary Assistants	Postsecondary Vocational Training	44.4%/13	\$7.09

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ARTS, DESIGN, ENTERTAINMENT, SPORTS AND MEDIA OCCUPATIONS			
Editors	Bachelor's Degree	25%/9	\$18.84
Public Relations Specialists	Bachelor's Degree	21.4%/11	\$18.06
Commercial Artists	Work exp/ Bachelor's Degree	34.4%/ 35	\$15.00
Graphic Designers	Bachelor's Degree	14.6%/10	\$15.37
SALES AND RELATED OCCUPATIONS			
Retail Sales Supervisors	Long-term OJT	9.2%/177	\$13.66
Cashiers	Short-term OJT	13.4%/765	\$7.25
Advertising Sales Agents	Moderate-term OJT	52.4%/ 17	\$19.57
Telemarketers, Solicitors, Door-to-Door Sales	Moderate-term OJT	30.1%/ 80	\$7.52
Shipping, Receiving, and Traffic Clerks	Short-term OJT	2.8%/58	\$11.93
Sales Representatives	Moderate-term OJT	2.5%/128	\$22.24
Real Estate Agents	Postsecondary Vocational Training	7.1%/7	\$14.43
ADMINISTRATIVE SUPPORT/CLERICAL			
Office and Administrative Support Supervisors	Work Experience in a Related Occupation	2.4%/82	\$17.49
Bill and Account Collectors	Short-term OJT	14.5%/33	\$11.53
Billing and Posting Clerks/Machine Operators	Short-term OJT	2.3%/47	\$11.65
Stock Clerks and Order Fillers	Short-term OJTs	-1%/221	\$9.48
Bookkeeping, Accounting and Auditing Clerks	Moderate-term OJT	1.2%/119	\$12.92
Adjustment Clerks	Short-term OJT	35.6%/ 43	\$10.71
Tellers	Short-term OJT	-18.2%/53	\$9.03
Customer Service Representatives	Moderate-term OJT	17%/103	\$13.31
Human Resources Assistants	Short-term OJT	11.4%/15	\$13.44
Receptionists and Information Clerks	Short-term OJT	17.2%/146	\$9.42
Dispatchers	Moderate- term OJT	9.9%/19	\$13.95
Postal Services Mail Carriers	Short-term OJT	4.3%/39	\$18.35
Bill and Account Collectors	Short-term OJT	34.8%/28	\$11.00
Hotel, Motel, and Resort Desk Clerks	Short-term OJT	21.2%/19	\$6.78
Executive Secretaries, Administrative Assistants	Moderate-term OJT	4.3%/90	\$14.49
Legal Secretaries	Postsecondary Vocational Training	11.9%/17	\$15.46
Medical Secretaries	Postsecondary Vocational Training	7.5%/33	\$10.58
General Office Secretaries	Moderate-term OJT	-4.3%/108	\$11.61
General Office Clerks	Short-term OJT	10.4%/216	\$10.72

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PROTECTIVE SERVICE OCCUPATIONS			
Fire Fighters	Long-term OJT/ Certification	8.5%/28	\$12.50
Police and Sheriff Patrol Officers	Long-term OJT	22.7%/87	\$17.49
Security Guards	Short-term OJT	25%/207	\$8.24
FOOD PREPARATION AND SERVING-RELATED OCCUPATIONS			
Cooks, Restaurant	Short-term OJT	15%/69	\$8.22
Bartenders	Short-term OJT	9.9%/70	\$7.11
Food Preparation Workers	Short-term OJT	5.6%/ 228	\$6.88
PERSONAL CARE AND SERVICE OCCUPATIONS			
Hairdressers, Hair Stylists, and Cosmetologists	Postsecondary Vocational Training	6.3%/73	\$8.74
Manicurists And Pedicurists	Postsecondary Vocational Training	20.7%/13	\$8.48
Fitness Trainers	Postsecondary Vocational Training	29.5%/39	\$8.46
Child Care Workers	Short-term OJT	15.7%/ 103	\$9.19
BUILDING AND GROUNDS CLEANING AND MAINTENANCE OCCUPATIONS			
Janitors and Cleaners	Short-term OJT	5.7%/179	\$10.53
Housekeepers	Short-term OJT	11.6%/132	\$10.53
Laborers, Landscaping and Groundskeeping	Short-term OJT	31.3%/148	\$10.20
Animal Caretakers (nonfarm)	Short-term OJT	22.2%/14	\$7.98
INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS			
Security and Fire Alarm Systems Installers	Postsecondary Vocational Training	20%/8	\$13.68
Auto Body and Related Repairers	Long-term OJT	9.7%/11	\$17.79
Aircraft Mechanics and Service Technicians	Postsecondary Vocational Training	22.2%/14	\$18.21
Millwrights	Postsecondary Vocational Training	-6.1%/20	\$25.11
Machine Repairers	Long-term OJT	4.1%/ 91	\$12.21
Telephone and Cable TV Installation and Repair	Long-term OJT	58.8%/ 16	\$18.45
Electronic Repairer, Commercial and Industrial	Postsecondary Vocational Training	33.3%/ 11	\$19.31
Coin and Vending Machine Servicers	Long-term OJT	23.1%/6	\$15.15
Automotive Mechanics and Service Technicians	Postsecondary Vocational Training	12.1%/94	\$14.81
Bus, Truck and Diesel Mechanics	Postsecondary Vocational Training	1.9%/29	\$16.69

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HVAC Mechanics and Installers	Postsecondary Vocational Training	15.7%/13	\$16.40
CONSTRUCTION AND EXTRACTION OCCUPATIONS			
Electricians	Long-term OJT	19.3%/110	\$25.18
Brick Masons	Postsecondary Vocational Training	18.8%/18	\$26.16
Carpenters	Long-term OJT	15.7%/143	\$17.79
Construction Laborers	Long-term OJT	23.3%/71	\$16.55
Cement Masons and Concrete Finishers	Postsecondary Vocational Training	13.2%/8	\$18.36
Construction Equipment Operators	Long-term OJT	11.8%/43	\$22.19
Painters, Construction and Maintenance	Long-term OJT	12.5%/48	\$16.83
Plumbers, Pipefitters and Steamfitters	Long-term OJT	16.7%/66	\$22.49
Insulation Workers	Long-term OJT	22%/21	\$14.08
Roofers	Long-term OJT	22.7%/30	\$16.35
Sheet Metal Workers	Long-term OJT	34.6%/58	\$19.72
Structural Iron and Steel Workers	Postsecondary Vocational Training	23.1%/4	\$23.85
PRODUCTION OCCUPATIONS:			
Computer-Controlled Machine Tool Operator	Moderate-term OJT	6.2%/47	\$13.82
Machinists	Long-term OJT	8.7%/ 33	\$13.89
Forging Machine Setters/Operators/Tenders	Moderate-term OJT	5.6%/34	\$14.26
Electrolytic Plating Machine Set/Operator	Moderate-term OJT	21.7%/ 11	\$10.59
Cutting/ Punch Press Machine Operators	Moderate-term OJT	-14.5%/47	\$13.00
Lathe and Turning Machine Tool Setters	Moderate-term OJT	-18.2%/34	\$14.86
Molding/Coremaking/ Casting Machine Operator/Tender	Moderate-term OJT	-4.6%/48	\$14.14
Tool and Die Makers	Long-term OJT	-8.6%/44	\$22.25
Bindery Machine Operators	Moderate-term OJT	10.5%/14	\$10.84
Packaging and Filling Machine	Moderate-term OJT	2.1%/57	\$13.74
Machine Assemblers	Short-term OJT	20%/ 4	\$13.97
Welders, Solderers and Brazers	Short-term OJT	5.8%/23	\$15.21
Inspectors/Testers/Sorters/Samplers/Weighers	Moderate-term OJT	-14.3%/94	\$17.16
Printing Press Machine Operators	Long-term OJT	10.7%/37	\$14.19
Furnace/Kiln/Oven/Drier/Kettle Operators and Tenders	Moderate-term OJT	-7.8%/39	\$15.06

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TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS			
Truck Drivers, Heavy	Short-term OJT	6.9%/111	\$17.57
Truck Drivers, Light	Short-term OJT	15.7%/155	\$10.91
Bus Drivers, School	Short-term OJT	.7%/36	\$13.26
Commercial Pilots	Postsecondary Vocational Training	32.1%/15	\$26.76
Railroad Conductors and Yardmasters	Moderate-term OJT	-12.8%/14	\$16.00
Captains, Mates, Pilots of Water Vessels	Work experience in a related occupation	25%/7	\$14.80
Excavation Loading Machine Operators	Moderate-term OJT	21.1%/ 8	\$17.78
Industrial Truck and Tractor Operators	Short-term OJT	-.9%/44	\$14.94
Vehicle Washers and Equipment Cleaners	Short-term OJT	23.2%/ 45	\$7.24
Hand freight, Stock, Material Movers	Short-term OJT	.3%/295	\$12.75

** Some occupations cited in the demand list appear to be below demand standards. This is because there are high numbers of self-employed workers and independent contractors in these jobs that do not show up on LMI data.

SOURCE: Ohio Department of Job and Family Services, *Bureau of Labor Market Information*, Economic Development Region 2, Occupational Employment Projections Report 2000-2010. February, 2003